

Attorney Docket No: XP-0965

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re: John Nolan

Serial No: 10/008,944

Filed: December 3, 2001

For: Method and Apparatus for Cooling a Self-Contained Laser Head

Confirmation No: 4812

Group: 2828

Examiner: Nguyen,  
Tuan N.**RECEIVED  
CENTRAL FAX CENTER****JAN 20 2004****AMENDMENT**

VIA FACSIMILE: 703-872-9306  
Assistant Commissioner for Patents  
P.O. Box 1450,  
Alexandria, Virginia 22313-1450

**OFFICIAL**

Sir:

In response to the pending Office Action, mailed October 9, 2003 (Paper No. 3),  
please amend the above-captioned application as follows:

-amendments to the specification are set forth in section a);

-amendments to the claims are reflected in the listing of claims in section b);

Finally, reconsideration is requested in view of the remarks set forth in section c).

A one-month extension is requested for this response.

JAN 20 2004

001/015

# OFFICIAL

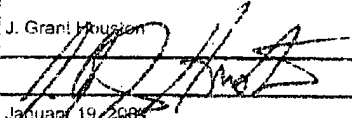
USPTO/SB/21 (03-03)

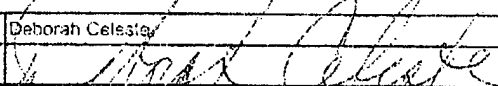
Approved for use through 12/31/2003. OMB 0651-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/008,944	
	Filing Date	December 3, 2001	
	First Named Inventor	John Nolan	
	Art Unit	2828	
	Examiner Name	Nguyen, Tuan N.	
Total Number of Pages in This Submission	15	Attorney Docket Number	XP-0965

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s): _____	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): _____
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	J. Grant Houston
Signature	
Date	January 19, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: January 19, 2004			
Typed or printed	Deborah Celestey		
Signature		Date	January 19, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form, and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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PTO/SB/17 (10-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$): 304.00

**Complete if Known**

Application Number	10/008,944
Filing Date	December 3, 2001
First Named Inventor	John Nolan
Examiner Name	Nguyen, Tuan N.
Art Unit	2828
Attorney Docket No.	XP-0965

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other: ☐ None☒ Deposit Account:

Deposit Account Number	502233
Deposit Account Name	Houston Eliseeva LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) or any underpayment of fee(s)  
☐ Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 345	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 180	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
32	-20** = 12	12	108
5	-3** = 2	2	86
Multiple Dependent			

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 35	2201 43	Independent claims in excess of 3	
1203 250	2203 145	Multiple dependent claim, if not paid	
1204 85	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$): 194.00

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 55	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1153 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1905 1,840*	1905 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	110.00
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,350	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 460	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(g)	
1806 150	1806 150	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1808 770	2808 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1602 900	Request for expedited examination of a design application	

Other fee (specify):

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$): 110.00

**SUBMITTED BY**

Name (Print Type)	J. Grant Thornton	Registration No. (Attorney/Agent)	35,900	Telephone	781-863-9991
Signature		Date	January 19, 2004		

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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